

# Girls in STEM Design Challenge

techgirls»

Join us - Wed 22nd April 9am - 3pm



It's free via our virtual classroom!



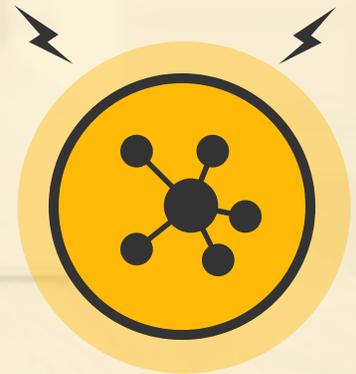
Challenge: How might we improve people's lives while practicing social distancing?

Tech Girls and the University of Technology Sydney invite all girls Year 5-8 to help us improve people's lives while practicing physical and social distancing during COVID-19. We invite individuals or teams of girls to design, create and build solutions using technology, engineering, maths, and science.

## How it works

Girls can participate in this one-day online challenge with their friends from school or home. This could include providing everyday services online, mobilising food for our future and how to help kids with their schoolwork. The best part about this challenge is that you get to decide on which problem you would like to solve!

- Watch videos on design thinking to get your ideas flowing! These help to:
- Empathise with the community
- Identify community problems define the problem to solve
- Ideate solutions
- Design and develop prototypes using materials around the school or home
- Pitch your idea!
- Share your final prototypes online and submit for judging.



## Interact with our techgirls team

Meet awesome scientists, technologists and engineers with a live online conversation:

- o Dr. Jenine Beekhuyzen – entrepreneur, technologist and futurist
- o Jacqueline Tate - Neuroscientist and superstar of STEM
- o Dr. Eva Cheng - Multimedia Engineer and humanitarian
- o Special guest Dr. Catherine Ball - Environmental scientist and dame of drones!
- o Facilitated by Lauren Black

(Don't worry, they are not your medical doctors!)

Connect with engineering and technology university students and professionals over videoconference to get advice and troubleshoot problems.



Register: [www.techgirlsmovement.org](http://www.techgirlsmovement.org)